

South Dakota Cancer Registry Achieves Silver Standard Award

(May 2007)

The South Dakota Department of Health's Cancer Registry, the South Dakota Cancer Registry (SDCR) has received the Silver Standard Certification award from the North American Association of Central Cancer Registries (NAACCR) for cancer incidence data collection in 2004.

The NAACCR has established gold- and silver-standard criteria to recognize population-based cancer registries that achieve excellence in the following areas: completeness of information, data accuracy and timeliness of data submissions.

This year, 65 population-based cancer registries (52 from the United States and 13 from Canada) submitted their 2004 incidence data for evaluation and confidential feedback as part of the NAACCR Registry Certification process. There are 76 NAACCR member registries in North American that are eligible to submit data files for the registry certification program.

There are two primary reasons for evaluating central cancer registry incidence data.

1. To recognize population-based cancer registries, which have achieved excellence in the areas of completeness of case ascertainment, quality of the data, and timeliness in producing cancer incidence data.
2. To provide confidential feedback which individual registries can use to identify current and future resource and training needs.

This is the second year that the SDCR has been certified since its establishment as a statewide, population-based registry in January 2001. The 2001-2004 data is published in *Cancer in North America (CINA) 2001-2004*, which can be accessed for incidence 2001-2004 in Volume 1 and Mortality 2001-2004 in Volume 2. This data covers 82% of the U.S. population.

http://www.naaccr.org/index.asp?Col_SectionKey=11&Col_ContentID=50

The SDCR is an active cancer surveillance system that is the foundation for cancer control and prevention activities. It provides information on the cancer burden in South Dakota to programs that target cancer control and prevention as well as provides data for research related to cancer-control activities in the state. Most of all, it functions to evaluate any potential clustering and to respond to citizen concerns about cancer in the areas where they live.

The 2000-2004 data represents the seven Commission on Cancer approved hospitals, all pathology laboratories in South Dakota and the Veterans Affairs hospitals that submitted cancer cases to the central registry. In addition, the SDCR has been collecting cases from other South Dakota health care facilities and providers, and from data sharing agreements with other states on a voluntary basis

prior to legislation that went into effect July 1, 2006. The central registry edits, consolidates and resolves duplicates; links the incidence database with vital statistics to pick up cancers that are diagnosed at death; and links the database with the Indian Health Service system in Albuquerque to pick up and correct any racial misclassification of American Indians.

At the same time that the SDCR has achieved certification, it has also achieved the high quality standards for inclusion in the 2004 United States Cancer Statistics (USCS) to be published in Fall 2007. The report will cover more than 96% of the U.S. population.

Cancer reporting becomes mandatory in South Dakota on July 1, 2006 for any hospital, physician, physician assistant, nurse practitioner, or nurse midwife, pathology laboratory, or free-standing radiology center that detects, diagnoses, or treats a cancer case in South Dakota.

South Dakota Cancer Registry
NAACCR Certification on Quality, Completeness & Timeliness of 2003 Data:
Summary of Certification Measures

Registry Element	Gold Standard	Silver Standard	Actual Measure	Measurement Error Allowed	Standard Achieved
1. Completeness of case ascertainment	95%	90%	98.7%	1.0%	Gold
2. Completeness of information recorded					
Missing / unknown "age at diagnosis"	≤ 2%	≤ 3%	0.0%	-0.4%	Gold
Missing / unknown "sex"	≤ 2%	≤ 3%	0.0%	-0.4%	Gold
Missing / unknown "race"	≤ 3%	≤ 5%	0.2%	-0.4%	Gold
Missing / unknown "state & county"	≤ 2%	≤ 3%	0.2%	-0.4%	Gold
3. Death certificate only (DCO) Cases	≤ 3%	≤ 5%	4.5%	-0.4%	Silver
4. Duplicate primary cases	≤ 1 per 1,000	≤ 2 per 1,000	0.12 per 1,000	-0.4%	Gold
5. Passing EDITS	100%	97%	100%	Not applicable	Gold
6. Timeliness	Data submitted within 23 months of close of accession year				Gold
Certification Status					SILVER

The South Dakota Department of Health acknowledges the cooperation and efforts that hospitals, providers and pathology laboratories statewide have made in order for the state to achieve national standards and certification. In particular, the SDCR acknowledges the crucial role that the 12 hospital certified tumor registrars (CTR) play in abstracting high quality cancer data to submit to the central registry and the central registry CTR's role in quality assurance activities to achieve national standards.

Submitted by Mynna Boodhoo Kightlinger, Cancer Registry Coordinator